



NTP Nonneoplastic Lesion Atlas

Preputial Gland – Introduction

Accessory sex organs in the male reproductive system, in addition to the prostate, include the seminal vesicles, preputial glands, ductus deferens, and penis. These tissues exhibit direct and indirect (often hormonal) pleotrophic pathologic responses. A change in one reproductive tissue is often accompanied by changes in other reproductive tissues. The majority of the male reproductive tissues are paired, allowing identification of unilateral versus bilateral responses. Artifacts are rare.

Information on the following lesions is available in this section:

Preputial gland - Atrophy

Preputial gland, Duct - Dilation

Preputial gland - Hyperplasia

Preputial gland - Inflammation

Preputial gland - Metaplasia, Osseous

Preputial gland - Mineralization

Preputial gland - Necrosis

Click the tabs in the left-hand column.

References:

Creasy DM, Foster P. 1991. Male reproductive system. In: Handbook of Toxicologic Pathology (Haschek E, Rousseaux C, eds). Academic Press, New York, 829-889. Abstract: http://www.sciencedirect.com/science/book/9780123302151

Creasy D, Bube A, de Rijk E, Kandori H, Kuwahara M, Masson R, Nolte T, Reams R, Regan K, Rehm S, Rogerson P, Whitney K. 2012. Proliferative and nonproliferative lesions of the rat and mouse male reproductive system. Toxicol Pathol 40:40S-121S.

Abstract: http://www.ncbi.nlm.nih.gov/pubmed/22949412



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